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(54) Title: NOVEL METHODS AND COMPOSITIONS FOR ENHANCED TRANSMUCOSAL DELIVERY OF PEPTIDES
AND PROTEINS

(57) Abstract: Provided are methods and compositions for enhancing the transmucosal absorption of bioactive peptides and pro-
teins. More particularly, the invention provides compositions for enhancing the transmucosal absorption of bioactive peptides and
proteins, such as exendin-4, PYY, PYY₃₋₃₆, and GLP-1 and their analogs and derivatives, wherein the compositions comprise an ab-
sorption enhancing mixture of a cationic polyamino acid and a buffer that is compatible with the polyamino acid. Also provided are
methods for enhancing the transmucosal absorption and bioavailability of bioactive peptides and proteins using such compositions.

WO 2005/000222 A3